

| Ref # | Hits | Search Query                                                                     | DBs                                                               | Default Operator | Plurals | Time Stamp       |
|-------|------|----------------------------------------------------------------------------------|-------------------------------------------------------------------|------------------|---------|------------------|
| L1    | 231  | 713/187.CCLS.                                                                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/09/22 09:17 |
| L2    | 942  | 726/26.CCLS.                                                                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/09/22 09:17 |
| L4    | 269  | tape near2 cartridge near2 memory                                                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/09/22 09:47 |
| L5    | 0    | (tape near2 cartridge near2 memory) with checksum                                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/09/22 09:48 |
| L6    | 0    | (tape near2 cartridge near2 memory) with checksum\$1                             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/09/22 09:48 |
| L7    | 3    | (tape near2 cartridge near2 memory) with (checksum\$1 or signature\$1 or CRC\$1) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/09/22 09:49 |
| L8    | 0    | (tape near2 cartridge near2 memory) with (integrity)                             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/09/22 09:50 |
| L9    | 1    | (tape near2 cartridge near2 memory) with (validat\$3 or verificat\$3)            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/09/22 10:12 |

|     |      |                                        |                                                                   |    |     |                  |
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| L10 | 1341 | cartridge adj memory                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/09/22 10:12 |
| L11 | 169  | tape.ab. and (cartridge adj<br>memory) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/09/22 10:12 |

| Ref # | Hits | Search Query                                                          | DBs                                                               | Default Operator | Plurals | Time Stamp       |
|-------|------|-----------------------------------------------------------------------|-------------------------------------------------------------------|------------------|---------|------------------|
| L1    | 231  | 713/187.CCLS.                                                         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/09/22 09:17 |
| L2    | 942  | 726/26.CCLS.                                                          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/09/22 09:17 |
| S1    | 1    | "20020035695"                                                         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB                       | OR               | OFF     | 2004/11/29 10:18 |
| S2    | 438  | tape and ((checksum\$2) same (table\$2 or database\$2))               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB                       | OR               | OFF     | 2004/11/29 13:37 |
| S3    | 378  | tape\$2 and (cartridge adj memory)                                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB                       | OR               | OFF     | 2004/11/29 10:25 |
| S4    | 6    | S2 and S3                                                             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB                       | OR               | OFF     | 2004/11/29 10:25 |
| S5    | 24   | (data adj tape\$2) and ((checksum\$2) same (table\$2 or database\$2)) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB                       | OR               | OFF     | 2004/11/29 11:38 |
| S6    | 1    | "6023707".pn.                                                         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB                       | OR               | OFF     | 2004/11/29 11:38 |
| S7    | 438  | tape and ((checksum\$2) same (table\$2 or database\$2))               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB                       | OR               | OFF     | 2004/11/29 15:49 |
| S8    | 56   | S7 and (read\$3 adj back)                                             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB                       | OR               | OFF     | 2004/11/29 14:12 |
| S9    | 240  | (writ\$3 adj data) and (data adj tape) and (checksum wityh database)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB                       | OR               | OFF     | 2004/11/29 14:14 |

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| S10 | 87 | (writ\$3 adj data) with (data adj tape) and (checksum wityh database)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | OFF | 2004/11/29 14:21 |
| S11 | 0  | (writ\$3 adj data) with (data adj tape) and (checksum with database)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | OFF | 2004/11/29 14:18 |
| S12 | 0  | ((writ\$3 adj data) with (data adj tape)) and (checksum with database) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | OFF | 2004/11/29 14:18 |
| S13 | 0  | ((writ\$3 adj data) same (data adj tape)) and (checksum with database) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | OFF | 2004/11/29 14:19 |
| S14 | 0  | ((writ\$3 adj data) same (data adj tape)) and (checksum same database) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | OFF | 2004/11/29 14:19 |
| S15 | 2  | (data adj tape) and (checksum with database)                           | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | OFF | 2004/11/29 14:26 |
| S16 | 1  | "5381545".pn.                                                          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | OFF | 2004/11/29 14:41 |
| S17 | 4  | "5715313".pn. or "4338644".pn. or "2217096".pn.                        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | OFF | 2004/11/29 14:42 |
| S18 | 0  | checksum and S17                                                       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | OFF | 2004/11/29 14:43 |
| S19 | 0  | validat\$3 and S17                                                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | OFF | 2004/11/29 14:43 |
| S20 | 1  | error and S17                                                          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | OFF | 2004/11/29 14:54 |
| S21 | 0  | ((data adj tape adj checksum) near3 database)                          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | OFF | 2004/11/29 14:55 |

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| S22 | 0   | ((data adj tape adj checksum)<br>with database)                             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | OFF | 2004/11/29 14:55 |
| S23 | 0   | ((((data adj tape) with checksum)<br>with database)                         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | OFF | 2004/11/29 14:55 |
| S24 | 0   | ((((data adj tape) with checksum)<br>same database)                         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | OFF | 2004/11/29 14:55 |
| S25 | 24  | (data adj tape\$2) and<br>((checksum\$2) same (table\$2 or<br>database\$2)) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | OFF | 2004/11/29 14:58 |
| S27 | 6   | S25 and signature\$2                                                        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | OFF | 2004/11/29 15:18 |
| S28 | 3   | "0008561"                                                                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | OFF | 2004/11/29 15:18 |
| S29 | 0   | wo0008561                                                                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | OFF | 2004/11/29 15:20 |
| S30 | 1   | pct/gb99/02594.ptan.                                                        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | OFF | 2004/11/29 15:21 |
| S31 | 338 | "20000217".ptpd.                                                            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | OFF | 2004/11/29 15:23 |
| S32 | 3   | S31 and backup                                                              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | OFF | 2004/11/29 15:22 |
| S33 | 1   | wo00/08561.ptpn.                                                            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | OFF | 2004/11/29 15:23 |
| S34 | 199 | tape and ((checksum\$2) with<br>(table\$2 or database\$2))                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | OFF | 2004/11/29 15:49 |

|     |       |                                                                                                         |                                                                   |    |     |                  |
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| S35 | 6     | (data adj tape) and ((checksum\$2) with (table\$2 or database\$2))                                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB                       | OR | OFF | 2004/11/30 08:54 |
| S36 | 0     | ((writ\$3 or copy\$3 or stor\$3) adj checksum) with (secur\$2 adj database)                             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB                       | OR | OFF | 2004/11/30 08:55 |
| S37 | 0     | ((writ\$3 or copy\$3 or stor\$3) adj checksum) same (secur\$2 adj database)                             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB                       | OR | OFF | 2004/11/30 08:56 |
| S38 | 0     | ((((data or magnetic) adj tape) adj checksum) same (secur\$2 adj database)                              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB                       | OR | OFF | 2004/11/30 08:56 |
| S39 | 0     | ((((data or magnetic) adj tape) with checksum) same (secur\$2 adj database)                             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB                       | OR | OFF | 2004/11/30 08:59 |
| S40 | 0     | ((((data or magnetic) adj tape) with (checksum or (error adj detection)))) same (secur\$2 adj database) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB                       | OR | OFF | 2004/11/30 09:02 |
| S41 | 0     | ((data adj tape) with checksum) same (database)                                                         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB                       | OR | OFF | 2004/11/30 09:03 |
| S42 | 12202 | "380".CLAS.                                                                                             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB                       | OR | OFF | 2004/11/30 09:03 |
| S43 | 0     | ((data adj tape) same checksum) same (database)                                                         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB                       | OR | OFF | 2004/11/30 09:03 |
| S44 | 1     | ((data adj tape) same checksum) and (database)                                                          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB                       | OR | OFF | 2004/11/30 09:44 |
| S45 | 1     | "5907672".pn.                                                                                           | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB                       | OR | OFF | 2004/11/30 09:44 |
| S46 | 57    | tape with reposition\$3 with command\$1                                                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/09/21 16:48 |

|     |        |                                                         |                                                                   |    |     |                  |
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| S47 | 28     | tape with reposition\$3 with<br>command\$1 with writ\$3 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/09/21 16:48 |
| S48 | 3701   | tape with erase                                         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/09/21 18:57 |
| S49 | 781    | (tape with erase).ab.                                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/09/21 18:57 |
| S50 | 323    | tape with eras\$3 with memor\$3                         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/09/21 18:57 |
| S51 | 15     | tape with eras\$3 with memor\$3<br>with command\$1      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/09/21 19:24 |
| S52 | 186    | tape with eras\$3 with command\$1                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/09/21 19:24 |
| S53 | 351874 | tape\$1.ab.                                             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/09/21 19:24 |
| S54 | 69     | S53 and (eras\$3 adj command\$1)                        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/09/21 19:26 |

|     |   |                                                   |                                                                   |    |     |                  |
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| S55 | 6 | S53 and ((eras\$3 adj command\$1)<br>with memory) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/09/21 19:25 |
|-----|---|---------------------------------------------------|-------------------------------------------------------------------|----|-----|------------------|